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SEQUENCE LISTING

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<120> Nucleic Acid Enzyme for RNA Cleavage

<130> 258/235

<140> US 09/699,667

<141> 2001-10-30

<150> CA 2,230,203

<151> 1998-04-29

<150> PCT/CA99/00391

<151> 1999-04-29

<160> 60

<170> PatentIn Ver. 2.0

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<211> 11

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sequence comprised of ribonucleotides or a
combination of ribonucleotides and
deoxyribonucleotides

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<222> (1) ... (11)

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combination of ribonucleotides and
deoxyribonucleotides

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combination of ribonucleotides and
deoxyribonucleotides

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<223> n is a or g or c or t/u, unknown, or other

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 gggcgggucg g 11

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<210> 12
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<210> 18
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11

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<211> 11

<212> RNA

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<210> 22

<211> 11

<212> RNA

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<210> 23

<211> 11

<212> RNA

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<211> 11

<212> RNA

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ggagggcggg ucgg 14

<210> 26
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sequence

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<210> 27
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sequence

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ggacggcggg ucgg 14

<210> 28
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sequence

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<210> 29
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sequence

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<210> 30
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sequence

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sequence

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sequence

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ggagggaggg ucgg 14

<210> 33
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<220>
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sequence

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14

<210> 34
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<220>
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<400> 34
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14

<210> 35
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14

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ggagggaggg ucgg 14

<210> 38
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ggaggcaggg ucgg 14

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ggagccaggg ucgg 14

<210> 40
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sequence

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ggaccaaggg ucgg 14

<210> 41
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: DNA PCR
primer

<400> 41
ccggatccct cgggctcggg cg 22

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<210> 42
<211> 23
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: DNA PCR
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<400> 42
ccaagcttcg aagaggaaag aag

23

<210> 43
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<220>

<223> Description of Artificial Sequence: synthetic RNA
sequence

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cagucuccuc uuuacagaaa auguaagagu acugaggacu gccgccucua gccgagauga 120
gccgguccga gucgaggaag aaccgcgag ggagagaaga gaucucgag cagugggugg 180
ccggaagaaa gaaguagag gaacucgaga gagaccuccg gaagacaaaag aagaaacuca 240
agaagauaga ggacgaaaau ccugggcugg ggaacaucaa aggaauucuc ggaaagaagg 300
auaaggauug agagggggcu ccccccgcga agagggcccc aacggaccag auggagguag 360
acuccggacc ucggaagagg ccucucaggg gaggauucac cgacaaggag aggcaggau 420
ccgacgaagg aaggcccucg agaacaagaa gaagcagcua ucggcgggag gcaagaaccu 480
cagcaaggag gaagaagagg aacucaggag guugaccgag gaagacgaga gaagggaaag 540
aagaguagcc ggcccgcgg uugggggugu gaacccccuc gaagguggau cgaggggagc 600
gcccgggggc ggcuucgucc ccaaucugca gggagucccg gaguccccu ucucucggac 660
cggggagggg cuggacauca ggggaaacca gggauuucca uaggauauac ucuucccagc 720
cgauccgcc uuuucuccc agaguugucg accccaguga auaaagcggg uuuccacuca 780
cagguuugcg ucucgcgucc uucuuuccuc uuc 813

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<213> Artificial Sequence

<220>

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57

<210> 45
<211> 57
<212> RNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic RNA
sequence

<400> 45

ggguccaccu ccucgcggucc ccagcuggggc augcggcuuc gcauggcuaa gggaccc 57

<210> 46

<211> 57

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic RNA
sequence

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ggguccaccu ccucgcggucc cgaccuggggc augccuucgg gcauggcuaa gggaccc 57

<210> 47

<211> 57

<212> RNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: synthetic RNA
sequence

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<211> 57

<212> RNA

<213> Artificial Sequence

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<210> 49

<211> 57

<212> RNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: synthetic RNA
sequence

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<220>
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<210> 53
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 <212> RNA
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<220>
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<210> 54
 <211> 18

<212> DNA
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic
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 <213> Artificial

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<223> RNA/DNA sequence

<400> 55
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<210> 56
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 <212> DNA
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<220>

<223> DNA PCR primers

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<220>

<223> Synthetic RNA sequence

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<210> 58
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<223> Synthetic RNA sequence

<400> 58

ggcgcauggc uaagggaccc

20

<210> 59

<211> 57

<212> RNA

<213> Artificial

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ggguccaccu ccucgcggug ggauaugggc augcggcuuc gcauggcuaa gggaccc

57

<210> 60

<211> 11

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<213> Artificial

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<223> Synthetic RNA sequence

<400> 60

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